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Governor
JOHN A. SANCHEZ
Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

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RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

January 14, 2016

Kimberly Davis Lebak, Manager
Los Alamos Field Office
U.S. Department of Energy
3747 West Jemez Road, MS A316
Los Alamos, New Mexico 87544

Michael T. Brandt, Associate Director
Environment, Safety and Health
Los Alamos National Laboratory
P.O. Box 1663, MS K499
Los Alamos, New Mexico 87545

**RE: APPROVAL WITH MODIFICATIONS
LOS ALAMOS NATIONAL LABORATORY NITRATE SALT-BEARING
WASTE CONTAINER ISOLATION PLAN, REVISION 4
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515**

Dear Ms. Davis Lebak and Mr. Brandt:

On May 19, 2014, the New Mexico Environment Department (“NMED”) issued an administrative Order (“Order”) requiring the Department of Energy (“DOE”) and the Los Alamos National Security, LLC (“LANS; collectively, with DOE the “Permittees”) to submit a Los Alamos National Laboratory (“LANL”) Nitrate Salt-Bearing Waste Container Isolation Plan (“Plan”). The Plan was received by NMED on May 21, 2014, and was then modified subsequently on July 10, 2014; April 27, 2015, May 8, 2015, and August 12, 2015.

Revision 4 of the Plan was received by NMED on December 18, 2015, and has been reviewed. NMED hereby approves the revised Plan with the following modification.

1. Section VII, Cemented Legacy and Newly Generated Cemented Nitrate Salt-Bearing Waste, page 27.

The Permittees state that “[t]he reactivity characteristic has never been observed regarding cement, and further, review of AK [acceptable knowledge] documentation processes involved in the waste stream do not indicate the potential for reactivity”. Please provide a supplemental list of references of AK documentation reviewed by

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the Permittees which support this conclusion.

The Permittees must address this by providing the above reference AK documentation to NMED no later than **March 31, 2016**.

Should you have any questions, please contact John Kieling at (505) 476-6035.

Sincerely,



Kathryn Roberts
Director, Resource Protection Division
New Mexico Environment Department

cc: J. Kieling, NMED HWB
D. Cobrain, NMED HWB
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S. Briley, NMED HWB
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M. Haagenstad, ENV-CP

File: 2016 LANL, Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 4.

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